Rexroth **Bosch Group**

1/2 RE 18319-34/09.09

Replaces: RE 00162-02/01.06

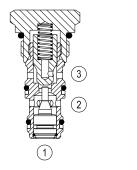
Pilot operated check, pilot to open

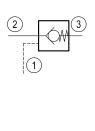
Common cavity, Size 08

VSOA-08A

04.33.10 - X - 56 - Z



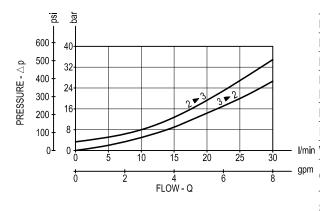




Description

When pressure at 2 rises above the spring bias pressure, the poppet is pushed from its seat and flow is allowed from 2 to 3. The valve is normally closed (checked) from 3 to 2. When sufficient pilot pressure is present at port 1, the pilot piston acts to push the poppet from its seat and flow is allowed from 3 to 2. Precision machining and hardening processes allow virtually leak-free performance in the checked condition.

Performance

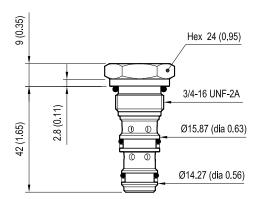


Technical data

Max. operating press	sure bar (psi)	350 (5000)
Max. flow I/min. (gpm)		30 (8)
Pilot ratio		3.2:1
Max. internal leakage	drops/min.	5
Fluid temperature ra	nge °C (°F)	-30 to 100 (-22 to 212)
Installation torque	Nm (ft-lbs)	40-45 (29-33)
Weight	kg (lbs)	0.08 (0.18)
Cavity		CA-08A-3N
Cavity		see data sheet RE 18325-70
Seal kit (*)	code material no.	
Fluids		Mineral-based or synthetics with lubricating properties at viscosities of 5 to 800 mm²/s (cSt)
Filtration		Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14
Installation		No restrictions
Other Technical Data		See data sheet RE 18350-50
(*) Only sytemal so	ala far 10 valv	

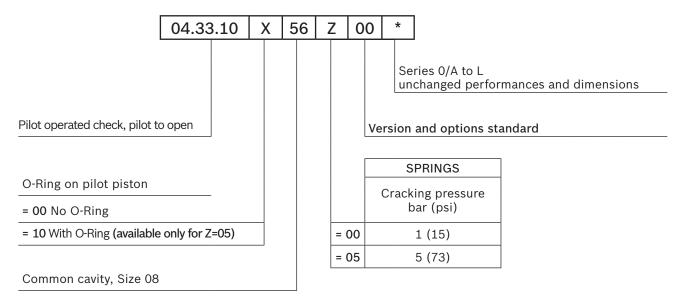
(*) Only external seals for 10 valves

Dimensions





Ordering code



Туре	Material number
043310005600000	R930000836
043310005605000	R930000846
043310105605000	R930000847

Туре	Material number

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Subject to change.